



**Wichita Rad Sites**

Paul Roerman to Don Lininger, Megan Brunkhorst

11/20/2008 10:27 AM

Don,

Randy says you will be deciding who these go to. I gave the assessment reports along with the PRP search info to Megan. Also, I'm following up and getting these sites listed in CERCLIS. I'll forward the site id's when I get them.

Thanks, Paul



Standard Products Referral.pdf



Standard Precision Decision.pdf



Standard Precision referral.pdf



Standard Products Decision.pdf

Paul W. Roerman  
Site Assessment Manager  
Kansas State Coordinator  
US EPA Region 7  
901 North 5th Street  
Kansas City, Kansas 66101  
913-551-7694





Kathleen Sebelius, Governor  
Roderick L. Bremby, Secretary

DEPARTMENT OF HEALTH  
AND ENVIRONMENT

[www.kdheks.gov](http://www.kdheks.gov)

November 20, 2008

Mr. Paul Roemerman  
U.S. EPA Region VII, Superfund Division  
901 North 5<sup>th</sup> Street  
Kansas City, Kansas 66101

**RE: Referral Documentation for the Former Standard Products, Inc. Site, Wichita, Sedgwick County, Kansas**  
**KDHE I.D. No. # C208772288**

Dear Mr. Roemerman:

The Kansas Department of Health and Environment (KDHE) is submitting the documentation indicated above for the Former Standard Products, Inc. site. This site is being referred to EPA for completion of a removal action, as potentially responsible party negotiations were not successful. KDHE completed a Unified Focused Assessment (UFA) of this site in February 2008. The maximum detection of radium-226 in soils identified during the UFA was 81,800 picoCuries per gram (pCi/g), well above the EPA standard of 5 pCi/g plus background. Radium-226 was also detected in ground water during the UFA at a maximum of 156 picoCuries per liter (pCi/L), again above its risk-based standard of 5 pCi/L plus background. Arsenic, lead, and cadmium were also identified above KDHE Risk-based Standards for Kansas. The Request for Federal Action documentation, another copy of the report, and PRP information was also forwarded under a separate letter to the Superfund Division Director. Further response under the National Hazardous Substances Pollution Contingency Plan appears to be necessary at this site. If you have any questions relative to this site, please feel free to contact me at (785) 296-8065.

Sincerely,

Randolph L. Brown, L.G.  
Unit Chief, Site Assessment Unit  
Remedial Section  
Bureau of Environmental Remediation

rlb/Attachments

c: Site File C208772288  
Site Decision Files

CURTIS STATE OFFICE BUILDING, 1000 SW JACKSON ST., STE. 540, TOPEKA, KS 66612-1368

Voice 785-296-8065 Fax 785-296-7030



## REGION VII U.S. EPA SUPERFUND

## SITE DISCOVERY ENTRY FORM

Discovery Lead (choose one):  
Discovery Date: 11/18/08 ☐ F-EPA Fund Fin ☐ S-State Fund Fin ☐ FF-Fed Fac ☐ EP-EPA-In-house ☐ TR Tribal Lead - Fund Fin  
Check if: ☐ FUD Site

Site Name: Standard Products, Inc. (Former) Initiated Date 11/18/2008 Identified By: ☐ Removal ☐ Site Assessment ☒ States  
☐ Fed Facilities ☐ Other Fed. Agency

Address: 650 East Gilbert County Name: Sedgwick

City, State, Zip: Wichita, Kansas 67211 State ID (if one exists): C208772288 Congressional District: 04

NPL Status: ☐ Currently on the Final NPL ☒ Not on the NPL ☐ Deleted on the final NPL ☐ Pre-Proposal Site ☐ Site is Part of NPL Site  
☐ Proposed for NPL ☐ Removed from Proposed NPL ☐ Withdrawn

Section: ☐ C-(STAR) SPFD Technical Assistance/Re-Use Branch ☒ L-(EFLR) Enfr/Fund Lead RV Branch Fed Fac Ind: ☐ Federal Facility  
☐ F-(FFSE) Federal Facilities/Special Emphasis Branch ☐ M-(MOKS) MO/KS Remedial Branch ☐ Not a Federal Facility  
☐ I-(IANE) IA/NE Remedial Branch ☐ O-(ER&R) Emergency Response & RV Branch ☐ Status Undetermined

List Site Alias Name (s): None

Directions to Site: At above address in Wichita

Site Description: Former radium dial shop

USGS Quadrant: \_\_\_\_\_ USGS Hydro Unit: \_\_\_\_\_

Latitude: 37 674880 Longitude: -97.33050  
(Decimal Degree format/with release of 3 17 see attached required location data form)

Owner ☐ Bank/Loan Company ☐ Brownfield/Public  
Operator ☐ County Owned ☐ Other  
Type ☐ District Owned ☒ Private  
☐ Federally Owned ☐ Mixed Ownership  
☐ Former Federally Owned or Operated ☐ State Owned  
☐ Government Owned/Contractor Operated ☐ Trustee, Federal  
☐ Privately Owned/Government Operated ☐ Trustee, State  
☐ Property Defaulted Back to Government ☐ Unknown  
☐ Municipality

Operational Status: ☐ Active ☒ Inactive ☐ Unknown ☐ Blank  
Native American Interest: ☐ Yes ☐ No

Non-NPL Status (Choose one):  
☐ Addressed as part of NPL site (AX)  
☐ Assessment complete-Decision needed  
☐ Combined PA/SI Start Needed (CS)  
☐ Combined PA/SI Ongoing (CO)  
☐ Deferral of NPL Listing Dec. While States  
Oversee Resp. (SD)  
☐ Deferred to RCRA  
☐ ESI Ongoing (EO)  
☐ ESI Start Needed (ES)  
☐ Fed Fac ESI Review Start Needed (FE)  
☐ Fed Fac Prelim Assessment Rev Ongoing (PG)  
☐ Fed Fac Prelim Assessment Rev Start Needed (PN)  
☐ Fed Fac Combined PA/SI Review Ongoing  
☐ Fed Fac Site Inspection Rev Ongoing (FG)  
☐ Fed Fac Site Inspection Rev Start Needed (FS)  
☐ Fed Fac CO-RA/SI Rev Start Needed -Formal State  
Deferral  
☐ HRS Ongoing (HO)  
☐ HRS Package Completed-Further Eval. Needed (HN)  
☐ HRS Start Needed (HS)  
☐ Integrated ESI RI Ongoing (IO)  
☐ Integrated ESI/RI Start Needed (IS)  
☐ Integrated Removal/Remedial Eval Ongoing (IN)  
☐ Integrated Removal/Remedial Eval Start Needed (IR)  
☐ NFRAP (NF) (See other Non-NPL choices on Pg. 2) Start Needed  
☐ Other Cleanup Activity:  
Fed Fac-lead Cleanup (OF)  
☐ Other Cleanup Activity:  
Private Party-Lead Cleanup(OP)  
☐ Other Cleanup Activity:  
State-Lead Cleanup (OS)  
☐ Other Cleanup Activity:  
Tribal-lead Cleanup (OT)  
☐ PA Ongoing (PO)  
☐ PA Start Needed (PS)  
☒ Ref to Rvl-Further Assess Needed (RW)  
☐ Referred to Rvl - NFRAP (RR)  
☐ Removal Only Site (No Site Assess  
Work) (RO)  
☐ SI Ongoing (SO)  
☐ SI Start Needed (SS)  
☐ SIP Ongoing (SG)  
☐ SIP Start Needed (SN)  
☐ Site Reassessment Ongoing (SR)  
☐ Status Not Specified (SX)  
☐ Site Reassessment Start Needed (RN)  
☐ Superfund Alternate Site  
☐ Integrated Rvml Assess CO PA/SI  
Ongoing  
☐ Integrated Rvml Assess CO PA/SI  
Start Needed

Site Type: (Choose all that apply - for every main category chosen in bold at least one sub-category must be selected; if more than

Primary designation: MP/RA

☒ MP-Manufacturing/Processing/Maintenance - Applicable sub-categories:

☐ CA-Chemicals and allied products  
☐ CG-Coal gasification  
☐ CP-Coke production  
☐ EP-Electric power generation and distribution.  
☐ EE-Electronic/electrical equipment  
☐ FT-Fabrics/textiles  
☐ WP-Lumber and wood products/wood preserving/treatment  
☐ MF-Metal fabrication/finishing/coating and allied industries  
☐ OR-Oil and gas refining  
☐ OP-Ordnance production  
☐ PR-Plastics and rubber products  
☐ PM-Primary metals/mineral processing  
☒ RA-Radioactive products  
☐ TA-Tanneries ☐ OT-Other-Description(needed):  
☐ TS-Trucks/ships/trains/aircraft and related components

☐ MI-Mining - Applicable sub-categories

☐ CO-Coal ☐ ME-Metals ☐ NM-Non-metal minerals  
☐ OG-Oil and Gas ☐ OT-Other-Description(needed):

☐ WM-Waste Management - Applicable sub-categories

☐ CL-Co-disposal landfill (municipal and industrial)  
☐ ID-Illegal disposal/open dump  
☐ IF-Industrial waste facility (non-generator)  
☐ IL-Industrial waste landfill  
☐ MD-Mine tailings disposal ☐ OT-Other-Desc.(needed):  
☐ RW-Radioactive waste treatment, storage, disposal (non-generator)

☐ OT-Other - Applicable sub-categories

☐ AG-Agricultural (e.g., grain elevator)  
☐ CS-Contaminated sediment site with no identifiable source  
☐ DC-Dust control ☐ OT-Other-Desc (needed)  
☐ GP-Ground water plume site with no identifiable source  
☐ MO-Military/Other Ordinance  
☐ PS-Product storage/distribution  
☐ RD-Research, development, and testing facility  
☐ RC-Retail/commercial  
☐ SE-Spill or other one-time event  
☐ TP-Transportation (e.g., railroad yards, airport, barge docking, site)  
☐ TW-Treatment works/septic tanks/other sewage treatment

☐ RE-Recycling - Applicable sub-categories

☐ AT-Automobiles/tires ☐ DT-Drums/tanks ☐ WO-Waste/used oil  
☐ BS-Batteries/scrap metals/secondary smelting/precious metal recovery  
☐ CC-Chemicals/chemical waste (e.g., solvent recovery)  
☐ OT- Other-Description (needed):

Signatures:

State: KS Date: 11/18/08 RPM/OSC/SAM: \_\_\_\_\_ Date: / /



## **SITE DISCOVERY ENTRY FORM**

Page 2

**Non-NPL Status (Continued) (Choose one):**

- ☐ Integrated Rvml Assessment Expanded Site Inspection Ongoing
- ☐ Integrated Rvml Assessment Expanded Site Inspection Start Needed
- ☐ Integrated Rvml Assessment HRS Package Ongoing
- ☐ Integrated Rvml Assessment HRS Package Start Needed
- ☐ Integrated Rvml Assessment Preliminary Assessment Ongoing
- ☐ Integrated Rvml Assessment Preliminary Assessment Start Needed
- ☐ Integrated Rvml Assessment Site Inspection Ongoing
- ☐ Integrated Rvml Assessment Site Inspection Prioritization Ongoing
- ☐ Integrated Rvml Assessment Site Inspection Prioritization Start Needed
- ☐ Integrated Rvml Assessment Site Inspection Start Needed



**REGION VII**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

ENFORCEMENT SENSITIVE INFORMATION  
FOR INTERNAL USE ONLY

**LOCATION FORM** - (Required information highlighted in red)

SITE NAME: Standard Products, Inc. (Former)

EPA ID: \_\_\_\_\_

Latitude: 37.674880 Longitude: -097.33050  
(Decimal Degree format)

Measurement Sequence: \_\_\_\_\_  
(See Comment A)

Lat/Long Source: ☐ Contractor ☐ EPA Headquarters ☐ (Blank)  
☐ Dun & Bradstreet ☐ Epic  
☐ EPA Region 7 ☐ Other  
☐ Geograph ☐ Private  
☐ Other Federal Agency ☐ SNAP  
☐ Regulated Entity ☐ Tribe  
☒ State ☐ Unknown

Designate Lat/Long: ☐ Primary

Collection Method: ☐ Address Matching - House Number ☐ Address Matching - Block Face ☐ Address Matching - Street Centerline  
☐ Address Matching - Nearest Intersection ☐ Address Matching - Primary Name ☐ Address Matching - Digitized  
☐ Address Matching - Other ☐ Census Block - 1990 - Centroid ☐ Census Block/Group 1990-Centroid  
☐ Census Block/Tract - 1990 - Centroid ☐ Classical Surveying Techniques ☐ Census - Other  
☐ GPS Carrier Phase Static Relative Position ☐ GPS Carrier Phase Kinematic Relative Position ☐ GPS, with Canadian Active Control System  
☐ GPS Code (Pseudo Range) Differential ☒ GPS Code (Pseudo Range) Precise Position ☐ GPS Code (Pseudo Range) Standard Position (SA-Off)  
☐ GPS Code (Pseudo Range) Standard Position Service SA-On ☐ GPS-Unspecified ☐ Interpolation-Digital Map Source (TIGER)  
☐ Interpolation-Map ☐ Interpolation-MSS ☐ Interpolation-Photo ☐ Interpolation-Satellite ☐ Interpolation-SPOT  
☐ Interpolation-TM ☐ Interpolation-Other ☐ LORAN C ☐ Public Land Survey-Eighth Section ☐ Public Land Survey-Footing  
☐ Public Land Survey-Quarter Section ☐ Public Land Survey-Section ☐ Public Land Survey-Sixteenth Section  
☐ ZIP+2 Centroid ☐ ZIP+4 Centroid ☐ ZIP Code - Centroid ☐ Unknown

Reference Point: ☐ Administrative Building ☐ Air Monitoring Station ☐ Air Release Stack ☐ Air Release Vent  
☐ Atmos. Emissions Trtmt Unit ☐ Boundary Point ☐ Building Entrance ☒ Facility/Centroid Cent ☐ Facility/Station Bldg Entrance  
☐ Intake Point ☐ Lagoon or Settling Pond ☐ Liquid Waste Treatment Unit ☐ Loading Area Centroid ☐ Loading Facility  
☐ Monitoring Point ☐ NE Corner of Land Parcel ☐ NW Corner of Land Parcel ☐ Other ☐ Plant Entrance (Freight)  
☐ Plant Entrance (General) ☐ Plant Entrance (Personnel) ☐ Process Unit Area Centroid ☐ Process Unit ☐ SE Corner of Land Parcel  
☐ Solid Waste Storage Area ☐ Solid Waste Trtmt/Disp. Unit ☐ Storage Tank ☐ SW Corner of Land Parcel ☐ Unknown  
☐ Water Monitoring Station ☐ Water Release Pipe ☐ Well ☐ Well Protection Area ☐ Release Point ☐ Treatment/Storage Plant

Reference Datum: ☐ NAD27 ☒ NAD83 ☐ Other ☐ Unknown ☐ WGS84

Accuracy Meters +/-: 10 ☐ Accuracy Unknown Collection Date: 12/10/07

Verification Method: ☐ Ground Truth Conducted ☐ Point In Polygon (County) ☐ Blank  
☐ Point In Polygon (Zip) ☐ Proximity to Alternative Facility Coordinate) ☐ Not Verified  
☐ Proximity to Polygon Centroid(Other) ☐ Proximity to Polygon Centroid (Zip Code)  
☐ Verified Relative to Map Features (1:100K/Tiger) ☐ Verified Relative to Map Features (1:24K)  
☐ Verified Relative to Map Features (Other) ☐ Verified, Unknown Method  
☐ Proximity to Polygon Centroid (County) ☐ Point In Polygon (Other)

Point/ Line/ Area: ☐ AREA ☐ LINE ☒ POINT ☐ REGION ☐ ROUTE ☐ (BLANK)

Source Map Scale: ☐ 1:10,000 ☐ 1:12,000 ☐ 1:15,840 ☐ 1:20,000 ☐ 1:24,000 ☐ 1:25,000 ☐ 1:50,000  
☐ 1:62,500 ☐ 1:63,360 ☐ 1:100,000 ☐ 1:125,000 ☐ 1:250,000 ☐ 1:500,000 ☐ NONE ☐ UNKNOWN  
☐ OTHER \_\_\_\_\_

COMMENTS: Garmin III GPS Unit

**Signatures:**

RPM/OSC: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ BRANCH CHIEF: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

A) A sequential number to indicate the order in which points on a line or area are connected. For an area, the maximum point is connected to the first. Required if the feature is polygonal or linear 3 numeric.



Kathleen Sebelius, Governor  
Roderick L. Bremby, Secretary

DEPARTMENT OF HEALTH  
AND ENVIRONMENT

[www.kdheks.gov](http://www.kdheks.gov)

November 20, 2008

**CERTIFIED MAIL**

Return Receipt Requested

Cecilia Tapia  
Director, Superfund Division, EPA Region VII  
901 North 5<sup>th</sup> Street  
Kansas City, Kansas 66101

**RE: Standard Products Site, Wichita, Sedgwick County, Kansas  
KDHE L.D. # C2-087-72288**

Dear Ms. Tapia:

The Kansas Department of Health and Environment (KDHE) has completed a Unified Focused Assessment (UFA) of the former Standard Products Site located in Wichita, Kansas. The Site is located in downtown Wichita, Kansas and was the location of an aircraft instrument repair shop that operated during the 1950's and 60's. The facility received a Kansas Radioactive Materials License in 1965 (License #25-R061-01) which was terminated by National Cash Register in 1973. According to KDHE records, National Cash Register acquired the parent corporation of Standard Precision, Inc. in 1968. A UFA was conducted by KDHE in April 2008 which verified radium-226 contamination. Radium-226 was identified in surface and sub-surface soils at concentrations as high as 81,800 picocuries per gram (pCi/g). This contamination represents the highest concentration of radium-226 identified in the state by KDHE's Sector Assessment Program. Background in soil was measured at 6.61 pCi/g. Radium-226 was also identified at elevated levels in groundwater near the source area above appropriate groundwater standards. Elevated levels of other constituents including lead and cadmium were detected above appropriate soil standards.

The UFA was completed in April of 2008 and recommended that KDHE identify responsible parties to address the contamination. KDHE has identified potentially responsible parties (PRPs) for contamination at the Site and attempted to negotiate with those PRPs to address the site. However, after several futile attempts, negotiations with the PRPs were unsuccessful. A copy of the UFA Report and information pertaining to the various PRPs are enclosed. Other information is available upon request.

The site appears to qualify for a removal action consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). The very high level of radium-226 is present near a residential area and presents a threat to public health. KDHE was unsuccessful in negotiations with PRPs and does not have the resources to further address this

CURTIS STATE OFFICE BUILDING, 1000 SW JACKSON ST., STE. 540, TOPEKA, KS 66612-1368

Voice 785-296-8065 Fax 785-296-7030

## REQUEST FOR FEDERAL ACTION

The Kansas Department of Health and Environment ("Requesting Agency") requests that the United States Environmental Protection Agency, Region 7 conduct a response action at the former Standard Products Site located at:

650 East Gilbert

*Street Address, Parcel Number or Other Property Description*

Wichita

*City*

Sedgwick

*County*

Kansas 67211

*State*

**Type of Action Requested (briefly describe):** KDHE requests EPA to conduct a removal action consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). KDHE may elect to conduct a post-removal assessment in support of the removal action. KDHE has completed a Unified Focused Assessment at the former Standard Products site. During the UFA, the maximum radium-226 laboratory detection in soil was 81,800 pCi/g, above its EPA/NRC screening level of 5 pCi/g plus background (using the maximum site-specific background result equates to 6.61 pCi/g). Elevated levels of lead, arsenic and cadmium were also identified in soils above RSK values. Radium-226 was identified in ground water above its MCL of 5 pCi/L at 156 pCi/L and appears to be attributable to the former Standard Products, Inc., facility.

The site is located at the above address in central Wichita, Kansas. Negotiations with the potentially responsible parties were unsuccessful and KDHE does not have the resources to adequately address this site in a timely manner.

By making this Request, the Requesting Agency recognizes that EPA, or any other federal agency acting in conjunction with or on behalf of EPA, may use its authority under the Comprehensive Environmental Response Compensation and Liability Act ("CERCLA"), 42 U.S.C.A. § 9601, *et seq.*, the National Contingency Plan ("NCP"), 40 C.F.R. Part 300, or any other federal statute, regulation or response program, to respond to and recover costs incurred in response to releases to threats of releases of pollutants and contaminants as deemed necessary in EPA's sole discretion to abate an imminent and substantial endangerment to public health or welfare or the environment at the location stated above. By making this Request, the Requesting Agency waives notice as otherwise required by Section 128(b)(1)(D) of CERCLA, 42 U.S.C. § 9628(b)(1)(D). The signatory of this request is authorized to make this request on behalf of the State.

Gary Blackburn (signed) 

Name

Bureau Manager, Bureau of Environmental Remediation

Title

11/18/03  
Date

## KDHE SECTOR ASSESSMENT DECISION

SITE/FACILITY NAME: Standard Precision

Alias Site Names: CECO, National Cash Register (NCR), K-42 and West Site

Address: 4105 West Pawnee

City: Wichita County or Parish: Sedgwick State: Kansas

Refer to Report Dated: March, 2007 Report type: Unified Focused Assessment

Report Developed by: Robert Benne (KDHE)

**DECISION:** (1) Documented impact from radium dial operations. (2) Elevated levels of radium-226, lead, chromium, and cadmium are present in soils above RSK levels and EPA-NRC screening levels (radium-226). (3) Benzene, 1,1-dichloroethane, tetrachloroethylene, toluene, 1,1,1-trichloroethane, trichloroethylene, trimethylbenzene, and radium-226 were identified in ground water above RSK levels (or MCLs/EPA-NRC values for radium-226) attributable to the site. (4) Most of these same organic compounds were identified in subsurface soils above RSK soil to ground water concentrations. (5) Site may qualify for further CERCLA response, including a removal action. (6) Responsible party search needed.

**DISCUSSION/RATIONALE:** The Standard Precision facility was located at the above address in Wichita, Sedgwick County, Kansas. The facility was the location of an aircraft instrument repair shop in the 1960s and 1970s. National Cash Register (NCR) acquired the parent corporation of Standard Precision in 1968. The facility received a Kansas Radioactive Materials License with KDHE's Bureau of Air and Radiation (BAR) in 1966. The license was terminated in 1973 by NCR.

KDHE and other parties have conducted assessments in the site area. KDHE has completed a Preliminary Assessment, Site Inspection, and Expanded Site Inspection of the site under CERCLA. All phases of investigation have identified or verified a release of volatile organic compounds originating at the former Standard Precision facility. Concerns of radium-226 contamination were identified from a private party investigation conducted by the current owner/operator, CECO, in 2005. A UFA was conducted to assess contamination from radium and verify previous analytical results.

During the UFA, the maximum radium-226 laboratory detection was 5,680 pCi/g, above its EPA/NRC screening level of 5 pCi/g plus background (using the maximum site-specific background result equates to 6.09 pCi/g). Elevated levels of lead, chromium, and cadmium were also identified in soils above RSK values. Multiple volatile organic compounds were identified in subsurface soils and ground water above RSK levels. Radium-226 was identified in ground water above its EPA/NRC level.

A potentially responsible party (PRP) search will be conducted by KDHE related to the former Standard Precision facility. The site appears to qualify for further CERCLA response (remedial and removal) if a PRP is not identified to participate in a KDHE program.

Report Reviewed By:  
Randolph L. Brown, KDHE/BER

Signature: 

Date: 03/27/07

Site Decision  
Made by: Rick L. Bean, Chief, Remedial Section, KDHE

Signature: 

Date: 03/30/07





Kathleen Sebelius, Governor  
Roderick L. Bremby, Secretary

DEPARTMENT OF HEALTH  
AND ENVIRONMENT

[www.kdheks.gov](http://www.kdheks.gov)

November 20, 2008

Mr. Paul Roerman  
U.S. EPA Region VII, Superfund Division  
901 North 5<sup>th</sup> Street  
Kansas City, Kansas 66101

**RE: Referral Documentation for the Former Standard Precision, Inc. Site, Wichita, Sedgwick County, Kansas**  
**KDHE I.D. No. # C208772212 (Standard Precision)**  
**KDHE I.D. No. # C208703031 (K-42 and West Site, CECO – alias site)**  
**EPA I.D. No. # KS0000900316 (K-42 and West Site, CECO, alias site)**

Dear Mr. Roerman:

The Kansas Department of Health and Environment (KDHE) is submitting the documentation indicated above for the Former Standard Products, Inc. site. This site is being referred to EPA for completion of a removal action, as potentially responsible party negotiations were not successful. KDHE completed a Unified Focused Assessment (UFA) of this site in March 2007. The maximum detection of radium-226 in soils identified during the UFA was 5,680 picoCuries per gram (pCi/g), well above the EPA standard of 5 pCi/g plus background. Radium-226 was also detected in ground water above its risk-based standard of 5 pCi/L plus background. Lead, chromium and cadmium were also identified above KDHE Risk-based Standards for Kansas (RSKs). Multiple volatile organic compounds were identified in subsurface soils and ground water above KDHE RSK levels. The Request for Federal Action documentation, another copy of the report, and PRP information was also forwarded under a separate letter to the Superfund Division Director. Further response under the National Hazardous Substances Pollution Contingency Plan appears to be necessary at this site. If you have any questions relative to this site, please feel free to contact me at (785) 296-8065.

Sincerely,

Randolph L. Brown, L.G.  
Unit Chief, Site Assessment Unit  
Remedial Section  
Bureau of Environmental Remediation

rlb/Attachments

c: Site File C208772212  
Site Decision Files

CURTIS STATE OFFICE BUILDING, 1000 SW JACKSON ST., STE. 540, TOPEKA, KS 66612-1368

Voice 785-296-8065 Fax 785-296-7030

**REGION VII U.S. EPA SUPERFUND****SITE DISCOVERY ENTRY FORM**

Discovery Lead (choose one):

Discovery Date: 11/18/08☐ F-EPA Fund Fin ☐ S-State Fund Fin  
Removal☐ FF-Fed Fac ☐ EP-EPA-In-house ☐ TR Tribal Lead - Fund Fin  
Check if: ☐ FUD SiteSite Name: Standard Precision, Inc. (Former) Initiated Date 11/18/2008 Identified By: ☐ Removal ☐ Site Assessment ☒ States  
☐ Fed. Facilities ☐ Other Fed. AgencyAddress: 4105 West Pawnee County Name: SedgwickCity, State, Zip: Wichita, Kansas 67209 State ID (if one exists): C208772212 Congressional District: 04NPL Status: ☐ Currently on the Final NPL ☒ Not on the NPL ☐ Deleted on the final NPL ☐ Pre-Proposal Site ☐ Site is Part of NPL Site  
☐ Proposed for NPL ☐ Removed from Proposed NPL ☐ WithdrawnSection: ☐ C-(STAR) SPFD Technical Assistance/Re-Use Branch ☒ L-(EFLR) Enfr/Fund Lead RV Branch Fed Fac Ind: ☐ Federal Facility  
☐ F-(FFSE) Federal Facilities/Special Emphasis Branch ☐ M-(MOKS) MO/KS Remedial Branch ☐ Not a Federal Facility  
☐ I-(IANE) IA/NE Remedial Branch ☐ O-(ER&R) Emergency Response & RV Branch ☐ Status UndeterminedList Site Alias Name (s): K-42 and West (CECO), KS0000900316, KDHE I.D C208703031Directions to Site: At above address in WichitaSite Description: Former radium dial shop

USGS Quadrant: \_\_\_\_\_ USGS Hydro Unit: \_\_\_\_\_

Latitude: 37.650780 Longitude: -97.39211  
(Decimal Degree format/with release of 3 17 see attached required location data form)Owner ☐ Bank/Loan Company ☐ Brownfield/Public  
Operator ☐ County Owned ☐ Other  
Type ☐ District Owned ☒ Private  
☐ Federally Owned ☐ Mixed Ownership  
☐ Former Federally Owned or Operated ☐ State Owned  
☐ Government Owned/Contractor Operated ☐ Trustee, Federal  
☐ Privately Owned/Government Operated ☐ Trustee, State  
☐ Property Defaulted Back to Government ☐ Unknown  
☐ MunicipalityOperational Status: ☐ Active ☒ Inactive ☐ Unknown ☐ Blank  
Native American Interest: ☐ Yes ☐ No

Non-NPL Status (Choose one):

☐ Addressed as part of NPL site (AX)  
☐ Assessment complete-Decision needed  
☐ Combined PA/SI Start Needed (CS)  
☐ Combined PA/SI Ongoing (CO)  
☐ Deferral of NPL Listing Dec. While States  
Oversee Resp. (SD)  
☐ Deferred to RCRA  
☐ ESI Ongoing (EO)  
☐ ESI Start Needed (ES)  
☐ Fed Fac ESI Review Start Needed (FE)  
☐ Fed Fac Prelim Assessment Rev Ongoing (PG)  
☐ Fed Fac Prelim Assessment Rev Start Needed (PN)  
☐ Fed Fac Combined PA/SI Review Ongoing  
☐ Fed Fac Site Inspection Rev Ongoing (FG)  
☐ Fed Fac Site Inspection Rev Start Needed (FS)  
☐ Fed Fac CO-RA/SI Rev Start Needed -Formal State  
Deferral  
☐ HRS Ongoing (HO)  
☐ HRS Package Completed-Further Eval. Needed (HN)  
☐ HRS Start Needed (HS)  
☐ Integrated ESI RJ Ongoing (IO)  
☐ Integrated ESI/RI Start Needed (IS)  
☐ Integrated Removal/Remedial Eval Ongoing (IN)  
☐ Integrated Removal/Remedial Eval Start Needed (IR)  
☐ NFRAP (NF) (See other Non-NPL choices on Pg. 2)  
☐ Other Cleanup Activity.  
Fed Fac-lead Cleanup (OF)  
☐ Other Cleanup Activity  
Private Party-Lead Cleanup(OP)  
☐ Other Cleanup Activity  
State-Lead Cleanup (OS)  
☐ Other Cleanup Activity  
Tribal-lead Cleanup (OT)  
☐ PA Ongoing (PO)  
☐ PA Start Needed (PS)  
☒ Ref to Rvl-Further Assess Needed (RW)  
☐ Referred to Rvl - NFRAP (RR)  
☐ Removal Only Site (No Site Assess  
Work) (RO)  
☐ SI Ongoing (SO)  
☐ SI Start Needed (SS)  
☐ SIP Ongoing (SG)  
☐ SIP Start Needed (SN)  
☐ Site Reassessment Ongoing (SR)  
☐ Status Not Specified (SX)  
☐ Site Reassessment Start Needed (RN)  
☐ Superfund Alternate Site  
☐ Integrated Rvml Assess CO PA/SI  
Ongoing  
☐ Integrated Rvml Assess CO PA/SI  
Start NeededSite Type: (Choose all that apply - for every main category chosen in bold  
at least one sub-category must be selected; if more thanPrimary designation: MP/RA**X MP-Manufacturing/Processing/Maintenance - Applicable sub-categories:**☐ CA-Chemicals and allied products  
☐ CG-Coal gasification  
☐ CP-Coke production  
☐ EP-Electric power generation and distribution.  
☐ EE-Electronic/electrical equipment  
☐ FT-Fabrics/textiles  
☐ WP-Lumber and wood products/wood preserving/treatment  
☐ MF-Metal fabrication/finishing/coating and allied industries  
☐ OR-Oil and gas refining  
☐ OP-Ordnance production  
☐ PR-Plastics and rubber products  
☐ PM-Primary metals/mineral processing  
☒ RA-Radioactive products  
☐ TA-Tanneries ☐ OT-Other-Description(needed):  
☐ TS-Trucks/ships/trains/aircraft and related components**MI-Mining - Applicable sub-categories**☐ CO-Coal ☐ ME-Metals ☐ NM-Non-metal minerals  
☐ OG-Oil and Gas ☐ OT-Other-Description(needed):**WM-Waste Management - Applicable sub-categories**☐ CL-Co-disposal landfill (municipal and industrial)  
☐ ID-Illegal disposal/open dump  
☐ IF-Industrial waste facility (non-generator)  
☐ IL-Industrial waste landfill  
☐ MD-Mine tailings disposal ☐ OT-Other-Desc (needed):  
☐ RW-Radioactive waste treatment, storage, disposal (non-generator)**OT-Other - Applicable sub-categories**☐ AG-Agricultural (e.g., grain elevator)  
☐ CS-Contaminated sediment site with no identifiable source  
☐ DC-Dust control ☐ OT-Other-Desc(needed):  
☐ GP-Ground water plume site with no identifiable source  
☐ MO-Military/Other Ordnance  
☐ PS-Product storage/distribution  
☐ RD-Research, development, and testing facility  
☐ RC-Retail/commercial  
☐ SE-Spill or other one-time event  
☐ TP-Transportation (e.g., railroad yards, airport, barge docking, site)  
☐ TW-Treatment works/septic tanks/other sewage treatment**RE-Recycling - Applicable sub-categories**☐ AT-Automobiles/tires ☐ DT-Drums/tanks ☐ WO-Waste/used oil  
☐ BS-Batteries/scrap metals/secondary smelting/precious metal recovery  
☐ CC-Chemicals/chemical waste (e.g., solvent recovery)  
☐ OT- Other-Description (needed):

Signature: \_\_\_\_\_

State: \_\_\_\_\_ Date: 11/18/08 RPM/OSC/SAM: \_\_\_\_\_ Date: / /



**SITE DISCOVERY ENTRY FORM**

**Page 2**

**Non-NPL Status (Continued) (Choose one):**

- ☐ Integrated Rvml Assessment Expanded Site Inspection Ongoing
- ☐ Integrated Rvml Assessment Expanded Site Inspection Start Needed
- ☐ Integrated Rvml Assessment HRS Package Ongoing
- ☐ Integrated Rvml Assessment HRS Package Start Needed
- ☐ Integrated Rvml Assessment Preliminary Assessment Ongoing
- ☐ Integrated Rvml Assessment Preliminary Assessment Start Needed
- ☐ Integrated Rvml Assessment Site Inspection Ongoing
- ☐ Integrated Rvml Assessment Site Inspection Prioritization Ongoing
- ☐ Integrated Rvml Assessment Site Inspection Prioritization Start Needed
- ☐ Integrated Rvml Assessment Site Inspection Start Needed



**REGION VII**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**

ENFORCEMENT SENSITIVE INFORMATION  
FOR INTERNAL USE ONLY

**LOCATION FORM** - (Required information highlighted in red)

SITE NAME: Standard Precision, Inc. (Former) EPA ID: (Alias -- KS0000900316)

Latitude: 37 650780 Longitude: -097.39211 Measurement Sequence: \_\_\_\_\_  
(Decimal Degree format) (See Comment A)

Lat/Long Source: ☐ Contractor ☐ EPA Headquarters ☐ (Blank)  
☐ Dun & Bradstreet ☐ Epic  
☐ EPA Region 7 ☐ Other  
☐ Geograph ☐ Private  
☐ Other Federal Agency ☐ SNAP  
☐ Regulated Entity ☐ Tribe  
☒ State ☐ Unknown

Designate Lat/Long: ☐ Primary

Collection Method: ☐ Address Matching - House Number ☐ Address Matching - Block Face ☐ Address Matching - Street Centerline  
☐ Address Matching - Nearest Intersection ☐ Address Matching - Primary Name ☐ Address Matching - Digitized  
☐ Address Matching - Other ☐ Census Block - 1990 - Centroid ☐ Census Block/Group 1990-Centroid  
☐ Census Block/Tract - 1990 - Centroid ☐ Classical Surveying Techniques ☐ Census - Other  
☐ GPS Carrier Phase Static Relative Position ☐ GPS Carrier Phase Kinematic Relative Position ☐ GPS, with Canadian Active Control System  
☐ GPS Code (Pseudo Range) Differential ☒ GPS Code (Pseudo Range) Precise Position ☐ GPS Code (Pseudo Range) Standard Position (SA-Off)  
☐ GPS Code (Pseudo Range) Standard Position Service SA-On ☐ GPS-Unspecified ☐ Interpolation-Digital Map Source (TIGER)  
☐ Interpolation-Map ☐ Interpolation-MSS ☐ Interpolation-Photo ☐ Interpolation - Satellite ☐ Interpolation - SPOT  
☐ Interpolation-TM ☐ Interpolation - Other ☐ LORAN C ☐ Public Land Survey-Eighth Section ☐ Public Land Survey-Footing  
☐ Public Land Survey-Quarter Section ☐ Public Land Survey-Section ☐ Public Land Survey-Sixteenth Section  
☐ ZIP+2 Centroid ☐ ZIP+4 Centroid ☐ ZIP Code - Centroid ☐ Unknown

Reference Point: ☐ Administrative Building ☐ Air Monitoring Station ☐ Air Release Stack ☐ Air Release Vent  
☐ Atmos. Emissions Trtmt Unit ☐ Boundary Point ☐ Building Entrance ☒ Facility/Centroid Cent ☐ Facility/Station Bldg Entrance  
☐ Intake Point ☐ Lagoon or Settling Pond ☐ Liquid Waste Treatment Unit ☐ Loading Area Centroid ☐ Loading Facility  
☐ Monitoring Point ☐ NE Corner of Land Parcel ☐ NW Corner of Land Parcel ☐ Other ☐ Plant Entrance (Freight)  
☐ Plant Entrance (General) ☐ Plant Entrance (Personnel) ☐ Process Unit Area Centroid ☐ Process Unit ☐ SE Corner of Land Parcel  
☐ Solid Waste Storage Area ☐ Solid Waste Trtmt/Disp Unit ☐ Storage Tank ☐ SW Corner of Land Parcel ☐ Unknown  
☐ Water Monitoring Station ☐ Water Release Pipe ☐ Well ☐ Well Protection Area ☐ Release Point ☐ Treatment/Storage Plant

Reference Datum: ☐ NAD27 ☒ NAD83 ☐ Other ☐ Unknown ☐ WGS84

Accuracy Meters +/-: 10 ☐ Accuracy Unknown Collection Date: 12/10/07

Verification Method: ☐ Ground Truth Conducted ☐ Point in Polygon (County) ☐ Blank  
☐ Point in Polygon (Zip) ☐ Proximity to Alternative Facility Coordinate ☐ Not Verified  
☐ Proximity to Polygon Centroid (Other) ☐ Proximity to Polygon Centroid (Zip Code)  
☐ Verified Relative to Map Features (1:100K/Tiger) ☐ Verified Relative to Map Features (1:24K)  
☐ Verified Relative to Map Features (Other) ☐ Verified, Unknown Method  
☐ Proximity to Polygon Centroid (County) ☐ Point in Polygon (Other)

Point/ Line/ Area: ☐ AREA ☐ LINE ☒ POINT ☐ REGION ☐ ROUTE ☐ (BLANK)

Source Map Scale: ☐ 1:10,000 ☐ 1:12,000 ☐ 1:15,840 ☐ 1:20,000 ☐ 1:24,000 ☐ 1:25,000 ☐ 1:50,000  
☐ 1:62,500 ☐ 1:63,360 ☐ 1:100,000 ☐ 1:125,000 ☐ 1:250,000 ☐ 1:500,000 ☐ NONE ☐ UNKNOWN  
☐ OTHER \_\_\_\_\_

COMMENTS: Garmin III GPS Unit

Signatures:

RPM/OSC: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ BRANCH CHIEF: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

A) A sequential number to indicate the order in which points on a line or area are connected. For an area, the maximum point is connected to the first. Required if the feature is polygonal or linear 3 numeric.



Kathleen Sebelius, Governor  
Roderick L. Bremby, Secretary

DEPARTMENT OF HEALTH  
AND ENVIRONMENT

[www.kdheks.gov](http://www.kdheks.gov)

November 20, 2008

**CERTIFIED MAIL**  
Return Receipt Requested

Cecilia Tapia  
Director, Superfund Division, EPA Region VII  
901 North 5<sup>th</sup> Street  
Kansas City, Kansas 66101

**RE: Standard Precision Site, Wichita, Sedgwick County, Kansas  
KDHE I.D. # C2-087-72212**

Dear Ms. Tapia:

The Kansas Department of Health and Environment (KDHE) has completed a Unified Focused Assessment (UFA) of the former Standard Precision Site, also known as, the K-42 and West Street Site located in Wichita, Kansas. The Site is located on the west side of Wichita, Kansas and was the location of an aircraft instrument repair shop that operated during the 1960's and 70's. The facility received a Kansas Radioactive Materials License in 1966 (License #25-R061-01) which was terminated by National Cash Register in 1973. According to KDHE records National Cash Register acquired the parent corporation of Standard Precision, Inc. in 1968. Historically there has been a Preliminary Assessment, Site Inspection and Expanded Site Inspection conducted under CERCLA for non-radiological contamination. A UFA was conducted by KDHE in 2007 which verified radium-226 contamination. Radium-226 was identified in surface and sub-surface soils at concentrations as high as 5,680 picocuries per gram (pCi/g). Background in soil was measured at 6.09 pCi/g. Radium-226 was also identified at elevated levels in groundwater near the source area above appropriate groundwater standards. Elevated levels of other constituents including lead, chromium, cadmium and various volatile organic compounds were detected above appropriate state soil and groundwater standards.

The UFA was completed in March of 2007 and recommended that KDHE identify responsible parties to address the contamination. KDHE has identified potentially responsible parties (PRPs) for contamination at the Site and attempted to negotiate with those PRPs to address the site. However, after several futile attempts, negotiations with the PRPs were unsuccessful. A copy of the UFA Report and information pertaining to the various PRPs are enclosed. Other information is available upon request.

The site appears to qualify for a removal action consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). The high level of radium-226

CURTIS STATE OFFICE BUILDING, 1000 SW JACKSON ST., STE. 540, TOPEKA, KS 66612-1368

Voice 785-296-8065 Fax 785-296-7030

## REQUEST FOR FEDERAL ACTION

The Kansas Department of Health and Environment ("Requesting Agency") requests that the United States Environmental Protection Agency, Region 7 conduct a response action at the former Standard Precision Site located at:

4105 West Pawnee

*Street Address, Parcel Number or Other Property Description*

Wichita

*City*

Sedgwick

*County*

Kansas 67209

*State*

**Type of Action Requested (*briefly describe*):** KDHE requests EPA to conduct a removal action consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP). KDHE may elect to conduct a post-removal assessment in support of the removal action. KDHE has completed a Unified Focused Assessment at the former Standard Products site. The facility was the location of an aircraft instrument repair shop in the 1960s and 1970s. During the UFA, the maximum radium-226 laboratory detection was 5,680 pCi/g, above its EPA/NRC screening level of 5 pCi/g plus background. Elevated levels of lead, chromium, and cadmium were also identified in soils above RSK values. Multiple volatile organic compounds were identified in subsurface soils and ground water above RSK levels. Radium-226 was identified in ground water above its EPA/NRC level.

Negotiations with the potentially responsible parties were unsuccessful and KDHE does not have the resources to adequately address this site in a timely manner.

By making this Request, the Requesting Agency recognizes that EPA, or any other federal agency acting in conjunction with or on behalf of EPA, may use its authority under the Comprehensive Environmental Response Compensation and Liability Act ("CERCLA"), 42 U.S.C.A. § 9601, *et seq.*, the National Contingency Plan ("NCP"), 40 C.F.R. Part 300, or any other federal statute, regulation or response program, to respond to and recover costs incurred in response to releases to threats of releases of pollutants and contaminants as deemed necessary in EPA's sole discretion to abate an imminent and substantial endangerment to public health or welfare or the environment at the location stated above. By making this Request, the Requesting Agency waives notice as otherwise required by Section 128(b)(1)(D) of CERCLA, 42 U.S.C. § 9628(b)(1)(D). The signatory of this request is authorized to make this request on behalf of the State.

Gary Blackburn (signed)  
Name



Bureau Manager, Bureau of Environmental Remediation  
Title

11/18/08

Date

## KDHE SECTOR ASSESSMENT DECISION

SITE/FACILITY NAME: Standard Products, Inc. (Former)

Alias Site Names:

Address: 650 East Gilbert

City: Wichita County or Parish: Sedgwick State: Kansas

Refer to Report Dated: February, 2008 Report type: Unified Focused Assessment

Report Developed by: Robert Benne (KDHE)

**DECISION:** (1) Documented impact from radium dial operations. (2) Elevated levels of radium-226, arsenic, lead, and cadmium are present in soils above RSK levels and EPA-NRC screening levels (radium-226). (3) Radium-226 was also detected in ground water above EPA screening levels attributable to the site. (4) Site may qualify for further CERCLA response, including a removal action. (5) Responsible party search needed.

**DISCUSSION/RATIONALE:** The Standard Products, Inc. (Former) facility was located at the above address in Wichita, Sedgwick County, Kansas. The facility was the location of an aircraft instrument repair shop in the 1950s and 1960s. According to historical records reviewed for the Unified Focused Assessment, Standard Products took the name Standard Precision Inc., in 1965. Standard Precision, Inc., applied for a Kansas Radioactive Materials License. The facility moved to another location and operated as Standard Precision, Inc.; this site was also assessed through a Unified Focused Assessment and was documented as impacted by radium-226. National Cash Register (NCR) later acquired Standard Precision's assets from an NCR subsidiary that owned Standard Precision, Inc. The Standard Precision license was terminated in 1973 by NCR.

During the UFA, the maximum radium-226 laboratory detection in soil was 81,800 pCi/g, above its EPA/NRC screening level of 5 pCi/g plus background (using the maximum site-specific background result equates to 6.61 pCi/g). Elevated levels of lead, arsenic and cadmium were also identified in soils above RSK values. Multiple volatile organic compounds were identified in ground water, which is likely associated with the Gilbert and Mosley site. Radium-226 was identified in ground water above its MCL of 5 pCi/L at 156 pCi/L and appears to be attributable to the former Standard Products, Inc., facility.

The site appears to qualify for further CERCLA response including a Removal Site Evaluation if a PRP is not identified to participate in a KDHE program.

Report Reviewed By:

Randolph L. Brown, KDHE/BER

Signature: 

Date: 04/24/08

Site Decision

Made by: Rick L. Bean, Chief, Remedial Section, KDHE

Signature: 

Date: 04/25/08